Index of Claims

| Application No. | Applicant(s)   |
|-----------------|----------------|
| 09/787,793      | YATAGAI ET AL. |
| Examiner        | Art Unit       |
| David M. Naff   | 1651           |

| Rejected    | - | - | (Through numeral)<br>Cancelled |  |  |  |  |  |  |  |  |
|-------------|---|---|--------------------------------|--|--|--|--|--|--|--|--|
| <br>Allowed | - | ÷ | Restricted                     |  |  |  |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Clai   | m        | Date      |   |        |                   |          |                 |          | Claim Date      |          |          |          |           |          |          |         |          | [            | Cla  | aim             | Date |       |            |          |                         |          |          |          |                 |          |   |                        |
|--|----------|-----------|---|--------|-------------------|----------|-----------------|----------|-----------------|----------|----------|----------|-----------|----------|----------|---------|----------|--------------|--|-----------------|------|-------|------------|----------|-------------------------|----------|----------|----------|-----------------|----------|---|------------------------|
|  |          |           |   |        |                   |          |                 |          |                 |          |          |          |           |          |          |         |          |              |  |                 |      |       |            |          |                         |          |          |          |                 |          |   |                        |
| Final  | Original | 7/2/04    |   |        |                   |          |                 |          |                 |          | Final    | Original |           |          |          |         |          |              |  |                 |      | Final | Original   |          |                         |          |          |          |                 |          |   |                        |
| 這  | )rig     | 712       |   |        |                   | İ        |                 |          |                 |          | 🛱        | 듯        |           |          |          |         |          |              |  |                 | ĺ    | 這     | )rig       |          |                         | - 1      |          |          |                 |          |   |                        |
|  |          |           |   |        |                   |          |                 |          |                 |          |          |          | Ш         |          |          | $\perp$ |          |              |  |                 |      |       |            |          |                         |          |          |          |                 |          |   |                        |
|  | 1        | <b>Y</b>  |   |        |                   |          |                 |          | Ш               | _        |          | 51       | Ш         |          | _ _      | ┸       | _        |              |  |                 |      |       | 101        |          | $\perp$                 | _        |          |          |                 | $\dashv$ | _ |                        |
|  | 2        | Ш         |   |        |                   |          |                 |          | Ш               | _        | ļ        | 52       |           |          |          | ┵       | ↓        | _            |  | Ш               |      |       | 102        |          | _                       |          | _        |          |                 | _        |   |                        |
|  | 3        |           |   |        |                   |          |                 |          | ┝┩              | _        |          | 53       | $\sqcup$  |          |          | 4       | 4-       | ــ           | <u> </u>   |                 |      |       | 103        |          |                         |          |          |          |                 | $\dashv$ |   | _                      |
| <b> </b>   | 4        | 1         |   |        | $\longrightarrow$ |          | $oxed{igwedge}$ |          |                 |          | -        | 54       | Н         | -        | -        |         | ╀-       | +            |  | Н               | ŀ    |       | 104        |          |                         |          |          |          |                 | -        |   | $\dashv$               |
| -  | 5        | ⊬         |   |        | -                 | _        |                 | $\vdash$ | $\vdash$        |          |          | 55<br>56 |           | -        | +        | +       | +        | +            | $\vdash$   | $\dashv$        |      |       | 105<br>106 |          | -+                      | -        |          |          |                 | $\dashv$ | - | $\dashv$               |
|  | 7        | $\vdash$  |   |        | $\dashv$          | $\dashv$ | _               |          | $\vdash$        |          | -        | 57       | Н         |          | +        | +       | +        | ╁            |  |                 |      |       | 107        |          |                         | $\dashv$ |          |          |                 | -        |   | $\dashv$               |
|  | 8        | T         |   |        |                   | $\dashv$ | _               | $\vdash$ | ┝┤              | ᅱ        | <u> </u> | 58       | Н         |          | $\dashv$ | +       | ╁        | +            | $\vdash$   | Н               |      |       | 108        |          | $\dashv$                | $\dashv$ | $\vdash$ |          | Н               | -        |   | _                      |
|  |          | <b>y</b>  |   |        |                   | _        |                 |          | H               | $\dashv$ |          | 59       | Н         |          | +        | ╁       | †-       | +            | $\vdash$   |                 | ]    |       | 109        |          |                         |          |          |          |                 |          | _ | $\equiv$               |
|  | 10       |           |   |        |                   |          |                 |          | Н               | $\dashv$ |          | 60       | Ш         |          | $\top$   | $\top$  | +-       | T            |  |                 |      |       | 110        |          |                         |          |          |          |                 | Ì        |   |                        |
|  | 11       |           |   | $\neg$ |                   | $\neg$   |                 |          |                 | $\neg$   |          | 61       |           |          | 7        | $\top$  | T        | T            |  |                 |      |       | 111        |          | $\top$                  |          |          |          |                 |          |   |                        |
|  |          |           |   |        |                   |          |                 |          |                 |          |          | 62       |           |          |          |         | I        |              |  |                 |      |       | 112        |          |                         |          |          |          |                 |          |   |                        |
|  | 12<br>13 |           |   |        |                   |          |                 |          |                 |          |          | 63       |           |          |          |         |          |              |  |                 |      |       | 113        |          | $\Box$                  |          |          |          |                 |          |   |                        |
|  | 14       |           | • |        |                   |          |                 |          | $\Box$          | _]       | <u> </u> | 64       | Ш         | $\Box$   |          |         | 1        | $\perp$      |  | Щ               |      |       | 114        |          |                         | _        |          |          | Ш               | [        |   | Щ                      |
| $\sqcup \downarrow$                              | 15       | <b>√</b>  |   |        |                   |          | <u> </u>        |          |                 |          | <u> </u> | 65       | $\square$ |          | _        |         | ↓-       | $\perp$      |  | $\sqcup$        |      |       | 115        |          |                         | 4        | Щ        |          | Щ               | $\dashv$ |   | Щ                      |
| $\sqcup$   | 16       | Щ         |   |        |                   |          |                 |          | $\square$       |          | <u> </u> | 66       | Ш         | $\sqcup$ | _        | - -     | 4        | 1            |  |                 |      |       | 116        |          | $\vdash \downarrow$     | _        | _        |          | $\vdash \vdash$ |          |   | $\dashv$               |
|  | 17       | Ш         |   |        |                   |          |                 | $\vdash$ | Н               |          | <u> </u> | 67       |           | -        | -        | -       | +-       | ╀            |  | Н               |      |       | 117        |          | -                       | $\dashv$ |          |          |                 | $\dashv$ | _ |                        |
|  | 18       | H         |   |        |                   |          |                 | $\vdash$ | $\vdash \vdash$ | _        | <u> </u> | 68<br>69 | $\vdash$  | -        |          | -       | ╁        | ╀            | _  | Н               |      |       | 118<br>119 |          | $\dashv$                | $\dashv$ |          |          |                 | $\dashv$ | _ |                        |
|  | 19<br>20 | $\forall$ |   |        |                   |          |                 |          | $\vdash\vdash$  | _        | <u> </u> | 70       | H         | -        | -        | ╬       | ╁        | ╁            |  | Н               |      |       | 120        |          | -+                      | $\dashv$ | -        |          | Н               | -        |   | $\dashv$               |
|  | 21       | <b>V</b>  | _ |        | -                 |          | -               |          |                 |          | -        | 71       | -         | +        |          | +       | ╁        | +            |  | $\vdash$        |      |       | 121        |          | $\dashv$                | ᅱ        |          |          | $\vdash$        | $\dashv$ |   | $\vdash$               |
|  | 22       | -         |   |        | $\dashv$          |          | $\vdash$        |          | $\vdash$        | -        |          | 72       |           |          | +        |         | +        | ╁╴           |  | H               |      |       | 122        |          | $\dashv$                |          |          |          | $\vdash$        | $\dashv$ | _ | $\dashv$               |
|  | 23       |           |   |        | $\dashv$          |          | -               |          |                 |          | <u> </u> | 73       |           |          |          | ╅       | +-       | 8            |  | Н               |      |       | 123        | -        |                         | 一        |          |          | Н               | 1        |   | $\vdash$               |
|  | 24       |           |   |        |                   |          |                 |          |                 | _        |          | 74       |           | $\neg$   |          |         | T        | 1            |  | П               |      |       | 124        |          |                         | ┪        |          |          |                 |          |   |                        |
|  | 25       | _         |   |        |                   |          |                 |          |                 |          |          | 75       | $\Box$    |          | $\dashv$ |         | 1        | 1            |  |                 | i    |       | 125        |          |                         |          |          |          |                 |          |   |                        |
|  | 26       |           |   |        |                   |          |                 |          |                 |          |          | 76       |           |          |          |         | 1        |              |  |                 |      |       | 126        |          |                         |          |          |          |                 |          |   |                        |
|  | 27       |           |   |        |                   |          |                 |          |                 |          |          | 77       |           |          |          |         |          |              |  |                 |      |       | 127        |          |                         |          |          |          |                 |          |   |                        |
|  | 28       |           |   |        |                   |          |                 |          |                 |          |          | 78       |           |          |          |         |          | $oxed{oxed}$ |  |                 |      |       | 128        |          |                         | _        |          |          |                 |          |   |                        |
|  | 29       |           |   |        |                   |          |                 |          |                 | _        |          | 79       | Ш         | _        | _        |         | 丄        |              |  | Ш               |      |       | 129        |          |                         | _        |          |          |                 | $\dashv$ | , | _                      |
|  | 30       |           |   |        |                   |          |                 |          |                 | _        | ļ        | 80       |           | _        | _        | _       | <b>-</b> | ╄            |  | Щ               |      |       | 130        | _        |                         | _        |          |          | Щ               | $\dashv$ |   | $\dashv$               |
|  | 31       |           |   |        |                   |          |                 |          |                 | _        | ļ        | 81       |           | -        | +        | +       | ╀        | ┦            |  | $\sqcup$        |      |       | 131        |          | $\vdash$                | $\dashv$ |          | -        | Н               |          |   | $\dashv$               |
|  | 32       |           |   |        |                   |          | $\vdash$        | -        |                 | _        |          | 82<br>83 | $\vdash$  | $\dashv$ | _        | +       | +-       | +            | _  |                 |      |       | 132<br>133 |          | $\vdash$                | $\dashv$ |          |          | -               | $\dashv$ |   | -                      |
|  | 33<br>34 | Н         |   |        | $\dashv$          | -        |                 | -        | $\vdash$        | $\dashv$ | -        | 84       |           | $\dashv$ | ┰        | ┿       | ╁        | ╁            | -  | Н               |      |       | 134        |          | $\vdash$                | $\dashv$ |          |          |                 |          |   | $\dashv$               |
| <del>                                     </del> | 35       | $\vdash$  |   |        |                   | $\vdash$ |                 | $\vdash$ | H               | $\dashv$ |          | 85       | Н         | $\vdash$ | $\dashv$ | +       | +        | +-           | $\vdash$   |                 | 1    |       | 135        |          | $\vdash$                | $\dashv$ | $\dashv$ |          | H               |          |   | $\dashv$               |
|  | 36       | $\vdash$  |   |        |                   | $\dashv$ |                 |          |                 | $\dashv$ | -        | 86       | $\Box$    | $\dashv$ | $\dashv$ | +       | †        | +            |  | H               |      |       | 136        |          | $\vdash$                | ᅥ        |          |          | H               |          |   | $\vdash \vdash \vdash$ |
|  | 37       | Н         |   |        |                   | Н        |                 |          |                 | $\neg$   |          | 87       | П         | _        | 十        | $\top$  | $\top$   | $\dagger$    |  | М               |      |       | 137        |          | $\Box$                  | 7        |          |          |                 |          |   |                        |
|  | 38       |           |   |        |                   |          |                 |          |                 |          |          | 88       |           |          |          |         |          | Τ            |  |                 |      |       | 138        |          |                         |          |          |          |                 |          |   |                        |
|  | 39       |           |   |        |                   |          |                 |          |                 |          |          | 89       |           |          |          |         |          |              |  |                 | ł    |       | 139        |          |                         |          |          |          |                 |          |   |                        |
|  | 40       |           |   |        |                   |          |                 |          |                 |          |          | 90       |           |          |          |         |          |              |  |                 | 1    |       | 140        |          |                         |          |          |          |                 |          |   |                        |
|  | 41       |           |   |        |                   |          |                 |          |                 | $\Box$   |          | 91       |           |          |          |         |          |              | L  | Ш               | ł    |       | 141        |          |                         |          |          |          |                 | $\Box$   |   |                        |
|  | 42       |           |   |        |                   |          |                 | <u> </u> | $\square$       | _        | <u> </u> | 92       | <u> </u>  | $\sqcup$ | _ _      |         | 1        | 1_           | <u> </u>   | $\sqcup$        | j    |       | 142        |          | $\sqcup$                |          |          |          | Щ               |          |   |                        |
|  | 43       |           | Щ |        | $\Box$            | $\Box$   | <u> </u>        |          | $\sqcup$        | _        |          | 93       | $\square$ | 1        | $\bot$   | _       | +        | 1            | $\vdash$   | Щ               | -    |       | 143        | <b> </b> | $\sqcup$                | _        |          |          | Ш               | $\Box$   |   | Щ                      |
|  | 44       |           |   |        |                   |          |                 | H        | $\vdash \vdash$ |          | <u> </u> | 94       | $\vdash$  | $\vdash$ | $\dashv$ | +       | +        | +-           | <del> </del>                                     |                 | j    |       | 144        |          | $\vdash \downarrow$     | _        |          |          | $\vdash \vdash$ | $\dashv$ |   | $\square$              |
|  | 45       | $\vdash$  |   |        | $\vdash \vdash$   | $\dashv$ | $\vdash$        | <b> </b> | ├-┤             | $\dashv$ |          | 95<br>96 | $\vdash$  | $\vdash$ |          | +       | +        | +-           | -  | $\vdash \dashv$ |      |       | 145<br>146 |          | $\vdash \vdash$         | $\dashv$ |          | $\vdash$ | $\vdash \vdash$ | $\vdash$ |   | $\vdash \vdash$        |
|  | 46<br>47 | Н         |   |        | -                 | $\dashv$ | _               | $\vdash$ | $\vdash\vdash$  | $\dashv$ |          | 97       | $\vdash$  | $\dashv$ | +        | +       | ╁        | ╁            | $\vdash$   | $\vdash$        | }    |       | 147        |          | ╌┼                      |          |          |          | $\vdash$        |          |   | $\vdash$               |
|  | 48       | -         |   |        | $\vdash$          | $\dashv$ |                 |          | ╁╾┤             | $\dashv$ | -        | 98       | $\vdash$  | $\dashv$ | $\dashv$ | +       | +-       | +-           | ├  | $\vdash \vdash$ | Ì    |       | 148        |          | $\mid \rightarrow \mid$ | _        |          |          | Н               | $\dashv$ |   | $\vdash \vdash$        |
|  | 49       | $\vdash$  |   |        |                   | $\vdash$ |                 | $\vdash$ | H               | $\dashv$ |          | 99       | H         | +        | +        | +-      | †-       | +-           | <del>                                     </del> | Н               | Ì    |       | 149        |          | $\vdash \vdash$         | $\dashv$ |          | Н        | Н               | -        | _ | $\vdash \vdash$        |
|  | 50       | Н         |   | $\Box$ |                   | $\dashv$ |                 | П        | М               | $\dashv$ |          | 100      | $\sqcap$  | +        | 十        | 十       | 1        | †            | <del>                                     </del> | М               | ļ    |       | 150        | _        |                         | 7        |          |          |                 | $\dashv$ |   |                        |
|  |          | لـــا     |   |        |                   |          |                 |          |                 |          | L        |          |           | -        |          |         |          |              |  |                 | 1    |       |            |          |                         |          |          |          |                 |          |   |                        |